

Colorimetric Phosphate Determination in Turbid
and High Silicate Acid Content Waters, by Karl
Stoll.

GERMAN. Praktische Anwendung Chemie. No 1/4.
1951, pp 112-.

Dept of Interior
1957, No 301

112-22

Sci - Chem

Jan 60

Method for Photometric Determination of Tungsten
Steel, by G. Bogatskiy

CXIV

GERMAN, per, Z. P. Analytische Chemie, Vol 114,
1938, pp 170-181.

Brutcher Tr Order No 946.
\$7.35

Scientific - Min/Metals

15,167

Coulometric Analysis as a Precision Method,
Part I, by L. Szabolcsdy, Z. Somogyi.
GERMAN, per, Zeits. fur Analytische Chemie,
Vol 112, 1938, pp 313-323. P911066067
AEC NP-tr-1473

Sci/Chemistry
Mar 67

318,581

Coulometric Analysis as a Precision Method II,
by L. Szebelledy, Z. Somogyi.
GERMAN, per, Zeit. Anal. Chem. Vol 112, 1938,
pp 323-331. P911027567
AEC NP-tr-1452

Sci/Chemistry
Mar 67

318,559

Determination of Sulphur in Nickel by Combustion
in a Current of Oxygen, by W. Dusing, K. Winckel-
mann, 5 pp.

GERMAN, per, Z Anal Chem, Vol CXXXI, 1938, pp 419-
422.

SLA Tr 57-941

Sci - Chemistry
Oct 67

54, 101

Colorimetric Determination of Cerium, by E. Plank,
4 pp.

GERMAN, per, Z Anal Chem, Vol CIXVI, 1939,
pp 312-315.

MS 85L300

Sci - Chem
Sep 59
Vol 2, No 2

97 965

<p>Zacher, H. and Saechting, H. CRITICAL INVESTIGATIONS ON THE ANALYSIS OF HYPOSULFITE PREPARATIONS. [1963] 16p. 4 refs. Order from SLA \$1.60 63-18678</p> <p>Trans. of Z[eitschrift für] Anal[ytische] Chem[ie] (Germany) 1939, v. 117, p. 392-400.</p> <p>DESCRIPTORS: *Sulfites. Chemical analysis. Titration.</p> <p>{Chemical Analysis, 1939, v. 117, no. 11}</p>	<p>63-18678</p> <p>I. Title: Hyposulfites I. Zacher, H. II. Saechting, H.</p> <p>Office of Technical Services</p>
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Determination of Small Amounts of Lead with
Dithizone, by Helmut Fischer, Grete Leopoldi,
25 p.

GERMAN, part, Zeit fur Anal Chem, 1940, Vol CXIX,
pp 161-188.

SLA 59-20481

Sci
Feb 60
Vol 2, No 12

108, 219

Determination of Piperazine. Rept. 4. Bromo
Acidimetric Determination, by A.Castiglioni.
GERMAN, per, Zeitschrift fur Analytische
Chemie, 1942-vol.123, pp.405-407.
SLA-TT-20393

Chem
Aug 66

307,768

Gotta, A. and Seehof, H.

THE NESSLER REACTION AND ITS USE IN THE DETERMINATION OF NITROGEN IN COMMERCIAL FERROUS ALLOYS. (1961) [9]p. (3 figs. omitted)
6 refs.

Order from SLA \$1.10

61-1846J

Trans. of Zeitschrift für Analytische Chemie
(Germany) 1942, v. 124, p. 216-226.

DESCRIPTORS: *Steel, *Iron alloys, *Nitrogen, Determination, Chemical reactions, Colorimetric analysis, Sodium compounds, Hydroxides.

By preliminary tests the conditions were verified which must be adhered to when using the Nessler reaction for accurate quantitative colorimetric determinations of ammonia. Based on these preliminary tests, a method was developed for the determination of nitrogen (Chemistry--Analytical, TT, v. 7, no. 1) (over)

61-1846J

1. Title: Nessler reaction
- I. Gotta, A.
- II. Seehof, H.

Office of Technical Services

<p>Richter, F. PHOTOMETRIC DETERMINATION OF ALUMINUM WITH ERIOCHROMCYANIN-R, PT. I. [1961] [37]p. (54 figs, omitted) 10 refs. Order from SLA \$3.60</p> <p>Trans. of Z[eitschrift für] Anal[ytische] Chem[ie] (Germany) 1944, v. 126, p. 426-452.</p> <p>DESCRIPTORS: *Aluminum, Determination, Photometers, *Reagents, Dyes, Aging, Hydrogen ion concentration, Chemical Indicators, Cyanines.</p> <p>(Chemistry--Analytical, TT, v. 9, no. 10)</p>	<p>62-10127</p> <p>I. Title: Eriochromcyanin-R I. Richter, F.</p> <p>Office of Technical Services</p>
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Polarographic Determination of Copper, Zinc,
and Manganese in Aluminum and Zinc Alloys, by
H. Spalenka, 21 pp.
GERMAN. per, Z Anal Chem., Vol 128, 1948, pp 42-51.
ABC/UCRL-Tr-10331-69

Sci/Chem
Jun 69

383,309
383,307

Melting-Point Curves with Inflection Points and
Mixture Gaps of the Liquid Phases in Organic
Binary Systems, by A. Kofler, 6 p.

GERMAN, per, Zeit fur Anal Chemie, 1948, Vol CXVIII,
pp 543-549.

SLA 59-20718

Sci
Mar 60
Vol 3, No 1

110,854

Systematology and Qualitative Investigation of
Surface-Active Substances, by Bernhard
Wurzschmidt, 119 pp.

GERMAN, per, Z fur Analytische Chemie, Vol CXXX,
No 2/3, 1950, pp 105-185.

SLA 60-10776

SCI
OTS, Vol III, No 7
Dec 60

137,590

Quantitative Analysis of Sodium Sulfate, Sodium Sulfite, Sodium Thiosulfate Sodium Sulfide and Sodium Polysulfide (Na_xS_x), Sodium Oxide, and Sodium Carbonate in Coexistence, by Werner Seck,

9 pp.
GERMAN, per, Z.dit. Anal. Chem., Vol 131, 1950,
pp 199-206.
ABC AI Tr 223

327,9T3

Sci - Chemistry
Jul 67

Two New Methods for the Determination of Aluminum
Oxide in Metallic Aluminum, by O. Werner.
GERMAN, per, Z Anal Chemie, Vol CXXXI, No 11, 12,
Mk pp 385-398.
HB 5357

Sci - Mat/Met
May 64

258,372

Dewald, W. and Schmidt, H.
CONTRIBUTION TO THE ANALYTICAL DETERMINATION OF VARIOUS PHOSPHATES IN THE PRESENCE OF ONE ANOTHER. I. IMPROVEMENT OF THE BRITSIG-DRAGONOFF PYROPHOSPHATE DETERMINATION. II. DETERMINATION OF PYROPHOSPHATE AND HIGH POLYMER METAPHOSPHATE (Beiträge zur Analytischen Bestimmung der Verschiedenen Phosphate Nebeneinander, I-II). (1963) 41 p. (Foreword and included) 12 refs.

Order from SLA \$4.00

63-14428

Trans. of Z[eitschrift f[ür] Analytische Chemie] (West Germany) 1961, v. 194, p. 17-22, 4495-96.
Another trans. is available from SLA no \$1.80, ph\$1.80 as 60-18062 [1960]. (9).

DESCRIPTORS: *Phosphates. Chemical analysis, Heating.
(Chemistry-Analytical, TT, v. 10, no. 5) (over)

63-14428

1. Title: High polymers
2. Title: Britsik-Dragonoff
3. Dewald, W.
4. Schmidt, H.
5. Title: Improvement...
6. Title: Determination...

Office of Technical Services

<p>Flaechka, H. QUANTITATIVE PRECIPITATIONS OF SULFIDE WITH THIOACETAMIDE IN MICROANALYSIS (Über Quantitative Sulfidfällungen mittels Thioacetamid in der Mikroanalyse). [1943] Sp. 2 rekt. Order from NLA \$1.10 63-16807</p> <p>Trans. of <u>Zentralblatt für Analytische Chemie</u> (West Germany) 1951, v. 133, p. 103-107.</p> <p>DESCRIPTORS: *Sulfides, *Thio radicals, *Acetamides, Microanalysis, Chemical precipitation, Quantitative analysis, Hydrogen compounds.</p> <p>(Chemistry--Analytical, TT, v. 10, no. 7)</p>	<p>63-16807</p> <p>I. Title: Thioacetamide I. Flaechka, H.</p> <p>View or Request Review</p>
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Quantitative Determination of Oxidizing Impurities
in Air, by S. Effenberger, 3 pp.

GERMAN, per, Z fuer Analytische Chemie, Vol CXXIV,
1951, pp 106-109. 649085

Picatinny Arsenal Tr 36
CIA 3805

Sci
Nov 59

100,474

New Methods for the Iodometric Determination of
Bromide Over Cyanogen Bromide, by E. Schmalek,
J. Lasalovský, L. G. Molnar, E. Zepp.

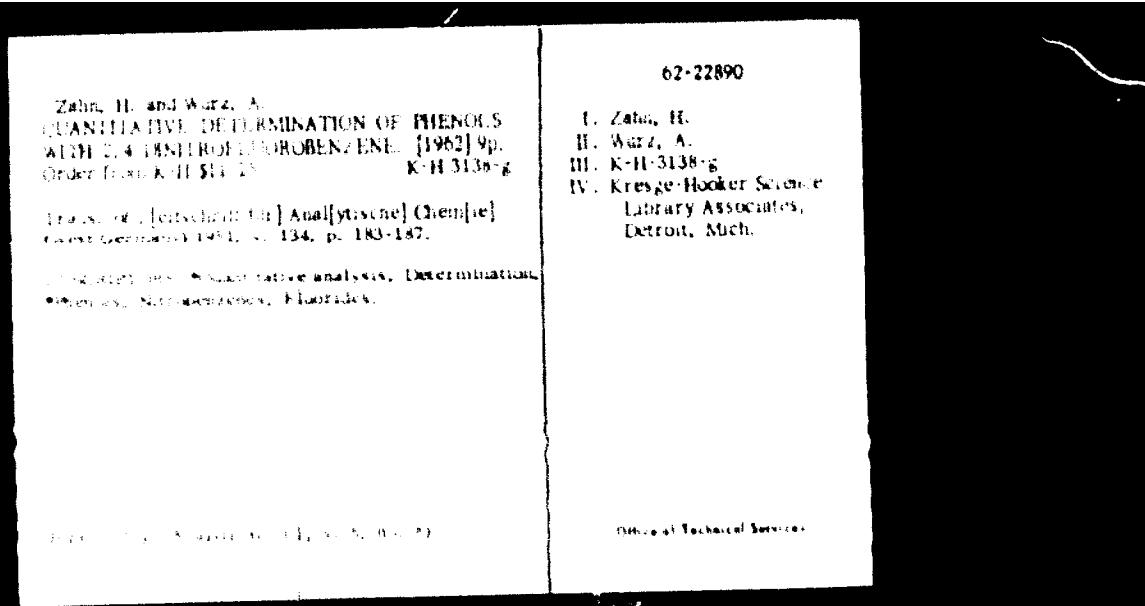
Full translation.

GERMAN, ^Ver, Zeitschrift fur analytische Chemie,
Vol CXXXIV, Pt. 3, 1951, pp 161-177.

AEC Tr 1402

MUNK EDur - Germany
Scientific - Chemistry, bromide

Oct 52 CTS/DGX



Separate and Combined Determination of Lead and
Other Metals by Titration with Disodium Salt
of EGTA (Ethylenediamine Tetraacetic Acid),
by H. Plačekka and F. Budík.

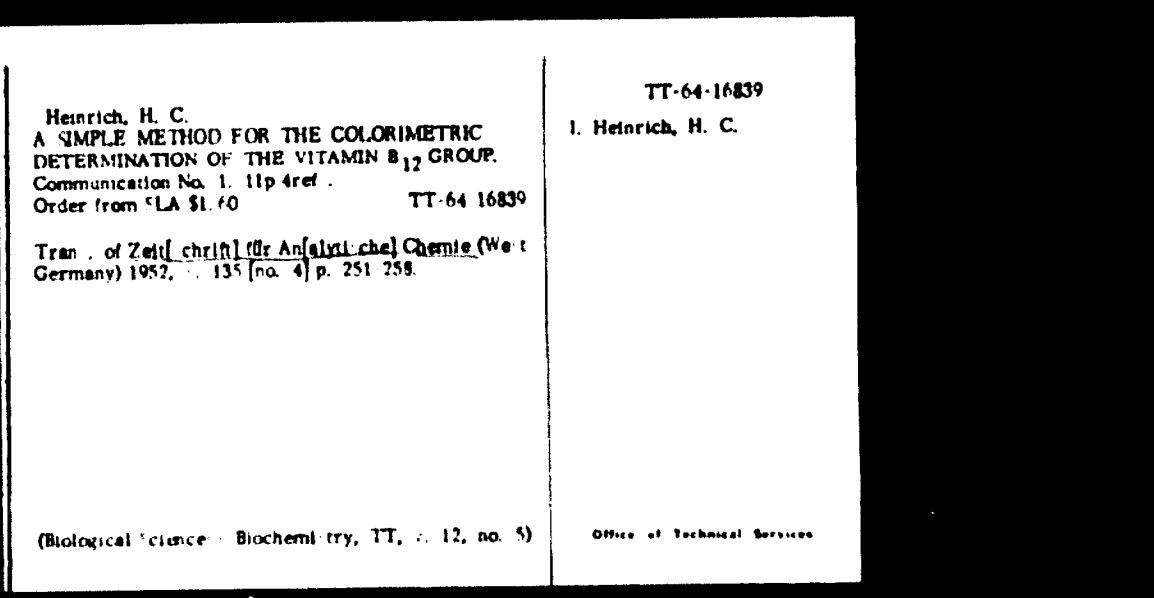
CZECHI, JAR, Z. Anal Chem, 1952, pp 172-176.

6/2/ASLIB-CN-120

501

xx2 58

68,400



Separation of Molybdenum From Heavy Metals by Means of
Ion Exchange Resins, by K. Klement.
GERMAN, per, Z fuer Analytische Chemie, Vol CXXXVI,
No 1, 1952, pp 17-25.

GB/95

Sci - M/M

Feb 64

250,508

<p>Huditz, F. and Flaschka, H. TITRATION OF CYANIDE ION WITH NICKEL SOLUTIONS. [1963] Sp 5 refs. Order from SLA \$1.10</p> <p>63-18162</p> <p>Trans. of Zeitschrift für Analytische Chemie (West Germany) 1952 v. 136, p. 185-188.</p> <p>DESCRIPTORS: *Nickel, *Cyanides, *Titration, Halides.</p> <p>It was shown that cyanide can be titrated with great accuracy with nickel standard solutions using Murexide in the presence of halides and pseudohalides. The titration can be carried out on a macro as well as on a micro scale. Analyses for known values of 0.2 to 200 mg. cyanide are given. The loss of hydrocyanic acid by volatilization can be avoided by starting with a known amount of standard nickel solution and back-titration the excess with ethylenediamine tetraacetate standard solution. (Author)</p>	<p>63-18162</p> <p>I. Huditz, F. H. Flaschka, H.</p> <p>(Chemistry--Analytical. TT, v. 10, no. 1?)</p> <p>Niles of Technical Services</p>
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Method for the Simultaneous Determination of Small
Amounts of H_2S & CS_2 in Air, by W. Sonnenschein,
K. Schafer.

GERMAN, per, Zeitschrift für Analytische Chemie,
Vol XCL, 1953, pp 13-25.

C.S.I.R.O.

Sci
May 60

115, 745

<p>Flaschka, H., Holasek, A., and Amin, A. M. THE TITRIMETRIC MICRODETERMINATION OF POTASSIUM BY PRECIPITATING WITH TETRA- PHENYLBORATE IONS (Die Acidimetrische Mikro- Bestimmung des Kaliums nach Fällung mit Tetra- Phenylborat-Ion). [1961] 11(1) 11-16 Order from SLA \$1.00 TT-64-10336</p> <p>Trans. of Zeitschrift für Analytische Chemie (West Germany) 1953, v. 138 [no. 3] p. 161-167. (Abstract available)</p> <p>DESCRIPTORS: *Potassium, Volumetric analysis, *Microanalysis, Chemical precipitation, Reagents, Phenyl radicals, *Borates, *Ammonium compounds.</p> <p>Potassium is precipitated together with ammonium from a weakly acidic solution by aid of tetraphenylborate ions. The precipitate is ignited, and the ammonium salt volatilizes here, whereas the potassium salt is trans- (Chemistry--Analytical, TT, v. II, no. 10) (over)</p>	<p>TT-64-10336</p> <p>I. Title: Tetraphenyl borate</p> <p>II. Flaschka, H.</p> <p>III. Holasek, A.</p> <p>IV. Amin, A. M.</p> <p>Office of Technical Services</p>
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TT-64-1034

Fiaschka, H., Amin, A. M., and Holasek, A.
A NEW VOLUMETRIC METHOD FOR THE DETERMINATION OF POTASSIUM BY PRECIPITATING AS
POTASSIUM TETRA(PHENYL)BORATE (Eine Neue
Methode zur Massenanalytischen Bestimmung von Kalium
nach Fällung als Kaliumtetraphenylborat). [1963] [10p]
4ref.

Order from: SLA \$1.10

TT-64-1034

Transl. of *Zeitschrift für Analytische Chemie* (West Germany) 1953, v. 133 (no. 4) p. 241-244. (Abstract available)

DESCRIPTORS: *Potassium, Volumetric analysis,
Chemical precipitation, Reagents, Phenyl radicals,
*Borates, *Mercury compounds, Chlorides.

Potassium is precipitated by use of the tetraphenylborate ion. The precipitate is allowed to react with (Chemistry-Analytical, TT, v. II, no. 10) (over)

1. Title: Tetraphenyl borate
2. Fiaschka, H.
3. Amin, A. M.
4. Holasek, A.

Office of Technical Services

<p>Frenzag, H. A COMPARISON OF SOME TESTS FOR MERCAPTO COMPOUNDS. [1961] 8p. Order from ATS \$13.40</p> <p>Trans. of Zeitschrift für Analytische Chemie (West Germany) 1953, v. 138, p. 259-266.</p> <p>DESCRIPTORS: *Thiols. Detection.</p> <p>(Chemistry-Analytical, TT, v. 7, no. 10)</p>	<p>62-12067</p> <p>I. Frenzag, H. II. AT&T-29N56G III. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>	
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The Specific Titration of Zinc and Cadmium With
Cyanogen in the Presence of Certain Other Metal
Ions, by H. Flanckis, 5 pp.

GERMAN, per, Zeitschrift fuer Analytische Chemie,
Vol XXXVIII, 1953, pp 332-~~332~~ 337.

1108
S.L.A. Tr 3076/1956

Sci - Chemistry
Oct 55 U.S.S.

40, 024

The Electrolytic Separation of Elements at
Mercury Cathodes, by R. Uock, K. G. Hackstein.
UNCL

GERMAN, per, Z Anal Chem, No 5, 1953 pp 339-357.

British Iron and Steel Ind
(no number given)

Sci - Chem
Sep 59

1253
98,143

Method of Isolating Nicotin by Paper Chromatography and Demonstrating It in Tobacco Extracts, by E. Wagner.

GERMAN, per, Z. fuer Analytische Chemie,
Vol CXXVIII, 1953, pp 423-426.

CSIRO

Sci - Chem, Biol
Jun 62

199, 209

Colorimetric Determination of Titanium With
Sulphosalicylic Acid, by M. Zeigler,
O. Clemser.
GERMAN, per Z. analyt. Chem. Vol. 139, 1953
pp 32-36
CSIRO/No. 7807

Sci -
Aug 67

338-4.1(

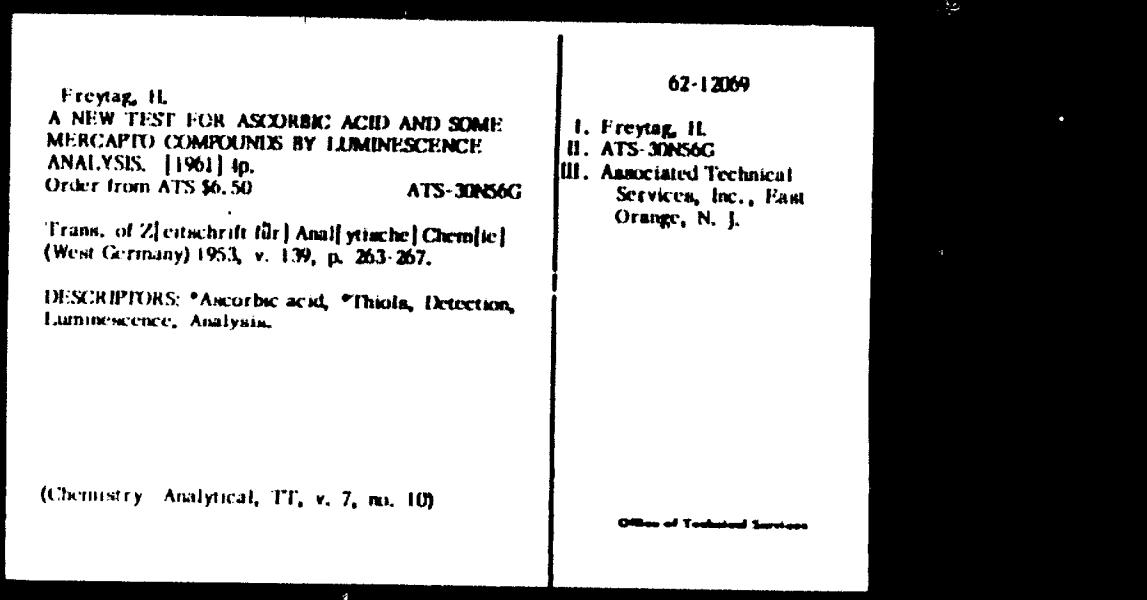
Precipitation of Alkali-Metals as Tetraphenyl-Soro Compounds, by W. Geilman, W. Gebauer.

GERMAN, per, Z Anal Chem, Vol 195, 1953,
pp 161-181.

Dept of Int,
Bur of Mines,
Electrotechnical Exper Sta,
Norris, Tenn.

Sci - Chem
Nov 58

76, 65-6



Applications of Ion Exchangers in Analytical Chemistry XXVII. Separation of Meta Als With Ion Exchangers in the Form of Citrates, by Olof Samuelson, Lennart Lunden, Kerstin Schramm, 6 pp.

GERMAN, Per, Z Anal Chem (West Germany) 1953, Vol CXL, No 5, pp 330-335.

SLA 59-15168

Sci

100, 952

The Separation of Arsenic, Antimony and Tin
With Thioformamide, by A. Musil, E. Gagliardi,
K. Weischi, 14 pp, UNCLASSIFIED

GERMAN, Zeit f. Anal. Chem., Vol CXL, 1953,
pp 342-349, CIA D-168994

22,273 Navy Tr 1118/EnShips 572-A

Scientific - Chemistry Mar 53 CMS

The Separation of Iron From Aluminum by
Shaking Out With Diethylether and Tetra-
hydrofuran, by Hermann Specker, Heinrich Hartkamp,
4 pp. UNCLASSIFIED

GERMAN, per, Zerrt. Anal. Chem., Vol. 31,
1953, pp 353-355, CIA D-168994

22,274

Navy Tr 1119/Buships 572-B

Scientific - Chemistry

Mar 55 OBS

Methods for Spectrochemical Trace Analysis: 3. Trace Analysis of Rocks and Soil Samples, by F. A. Pohl.

GERMAN, per, Z. anal Chem., Vol CXLI, 1954,
pp 81-86.

A.E.R.E. Harwell
11/3/5/431 OR/963

Har - Germany

Scientific - Chemistry

OTS/DEX

19,676

The Analytical Chemistry of Zirconium,
by P. S. Murty, & B.S.V.R. Rao,

GERMAN, per, Zent Anal Chem., Vol CMLI,
No 2, 1954, pp 93-96.

A/B.E. Maxwell
Tr No 11/3/3/432
07/929

20,204 Scientific - Chemistry Dec 1954 CRS

Determination of Small Amounts of Acetaldehyde, by F.
Winkel, J. Winkler, 7 pp.

COPYRIGHT, per, Z. Anal Chem, Vol CXLII, 1954, p 1.

S.L.A. Tr 2045

Sci. & Chemistry
Lab. CIS

49,000

On the Use of the "Original Hanau Artificial Ultraviolet Lamp" in Qualitative Analysis. III. Detection of Barbituric Acid, 2-Thiobarbituric Acid, and Pyridine, by Hans Freytag, 8 pp.

GKUMAN, per, Z Anal Chem, Vol 239/ix CXLII, 1954,
pp 12-15.

245-2604
NIN Tr 9-6

54,617

Sci - Chemistry

Oct 57

Method of Spectrochemical Trace Analysis, I.
IV. The Spectrochemical Trace Analysis of Purest
Aluminum, by F. A. Pohl, 7 pp.

GERMANY, ver., Z. Anal. Chem., Vol CXXIII, 1954,
pp 19-27.

AEC Tr 1954

13,748

Scientific - Chemistry

The Analytical Chemistry of Thorium. The Use of
Sebacic Acid and Sodium Naphthionate for the
Separation of Thorium From Uranium, by
M. Nagaswara Rao, Ph. S. V. Raghava Rao,

GERMAN, per, Z. Anal Chem, Vol CXXXII, 1954,
pp 27-30.

~~ABC~~ ABC Tr 1955.

Scientific - Chemistry

13,749

Tetraphenyl Diboroxide. III. A New Detection of
Choline, Acetylcholine and Other Quaternary Ammonium Compounds, by R. Neu, 18 JJ.

GERMAN, per, Ztschr. f. anal Chem., Vol. CXXXIII, 1954,
pp 30-38.

NIH

Scientific - Chemistry

21,249

CRS 65/Feb 1955

Rapid Method for the Determination of Silicon
and Halogens in Fluoroine Containing Organo-
Silicon Compounds, by L. Molzapfel,
G. Gotteschalk,

GERMAN, per, Zett Anal Chim, Vol CXLII,
No 2, 1954, pp 179-199.

23,598

R.A.E. Yarborough
Tr No 508

Scientific - Chemistry

May 55 CIB

S.

Flame-Photometric Determination of Small Quantities
of Potassium, Sodium, and Lithium in the Presence of
Large Amounts of Alkaline Earth Metals, by W.
Schuhknecht, H. Schinkel, 2600 words.

GERMAN, per, Zeits.analyt.chemie, Vol CXLIII, 1954,
pp 321-330.

Bratcher No 3524

\$4.90

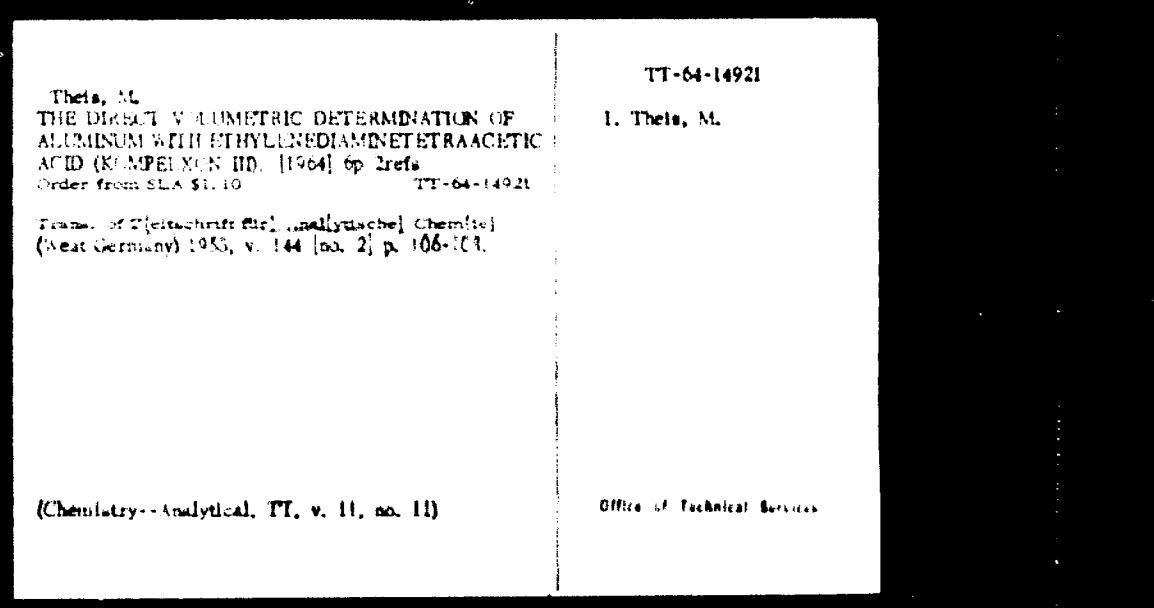
Chemistry
Scientific - ~~Handbooks~~

26,718

Sep 55

<p>Baron, H. SIMPLIFIED DETERMINATION OF BORON IN PLANTS WITH 1,1'-DIANTHRIMIDE. [1961] 11p. Order from SLA \$1.60</p> <p>Trans. of Z[eitschrift für Anal[ytische] Chem[ie] (West Germany) 1964, v. 143, p. 339-[348].</p> <p>DESCRIPTORS: *Boron, Determination, *Plants, Sul- furic acid, Colors, Imides, Imines.</p> <p>(Chemistry--Analytical), PT, v. 7, no. 10)</p>	<p>62-10102</p> <p>L. Titration L. Baron, H.</p> <p>Office of Technical Services</p>	
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<p>Freytag, H. OBSERVATIONS ON THE DETECTION OF THIOL GROUPS. [1961] 13p. Order from ATS \$27.80</p> <p>ATS-31N56C</p> <p>Trans. of Z[eitschrift für] Analytische Chemie (West Germany) 1954, v. 143, p. 401-414.</p> <p>DESCRIPTORS: *Thiols. Detection.</p> <p>(Chemistry--Analytical, TT, v. 7, no. 6)</p>	<p>62-12221</p> <p>I. Freytag, H. II. ATS-31N56C III. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>
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Quantitative Analysis of Indium, by D. Jeutzsch, 8 pp.

GERMAN, per, Z. Anal Chem., Vol CXLIV, 1955, pp 8-16.

S.L.A. No 218/1956

ABC Tr 2147

34,424

Scientific - Chemistry

Systematic Investigations on the Application of
Diethyldithiocarbamate in Analysis, by Helmut Bode,
22 pp.

GERMAN, per, Zeit fuer Anal Chem, Vol CXLIV,
No 3, 1955, pp 165-186.

A.E.R.E. Harwell Lib Tr 604

Sci - Chemistry
March 57 CIS/dex

44, 474

The Alkalimetric Rapid Estimation of
Potassium after Precipitation with
Sodium Tetraphenyl Borate, by H. Flaschka.
Nr 6
GERMAN, per, Z. Anal Chem, Vol CCLIV, 1955,
pp 415-420.

INSDOC-12234

Sci

Aug 58

72,889

Direct Complexometric Determination of Zirconium, by
A. Muzil, M. Thesis.
GERMAN, per, Z fuer Analytische Chemie, Vol CXLIV,
1955, pp 427-430.

CSIRO/No 6443

Sci - Chem

Feb 64

250,119

Separation of Uranium From Trivalent Iron by
Ion Exchange, by Robert Klement, 6 pp.

GERMAN, per, Zent Anal Chem, No 145, 1955, pp 9-12.

ABC-GAT-Z-5035

Sci - Phys

Jun 63

232,405

separation du gallium, de l'indium et du
germanium des autres metaux par echanges d'ions,
by R. Element, H. Janzen, 13 pp.
GERMAN to FRENCH, per, Z Anal Chem, Vol CXLV,
1955, pp 329-334.

Reverse Translation
CEA-A-1/L2

Sci
Rev 04

Determination of the Dissolved Oxygen in Water
With Leucoindigocarmine and Comments on the
 O_2 Determination, by K. Wickert, E. Jaap, 6 pp.

GERMAN, per, Z Anal Chem, Vol CXLV, 1955, pp 338-
344.

AECPR 3052

Sci - Chem
Oct 57

54, 291

On, analysis of latex to difficulty decomposition
and biological stability, by W. Oelchlaeger, 13 pp.

GERMAN, per, Z. anal Chem, Vol CXLVI, Jun 1955,
pp 11-17.

SLA 58-182
7-11-1944

Sci

AUG 59

93, 523

CEA-tr.A-624 (Rpt: UNCLASSIFIED)
COMPLEXOMÉTRIE DES TERRES RARES.
(Complexometry of the Rare Earths).
L. Holleck, D. Eckardt, and L. Hartinger.
Translated into French from Z. anal. Chem..
146, 103-7(1955). 10p. Dep.(mc). 10/26/60
Nonproject.

NSA

C

Titration of Sulphate with Barium Chloride and
Adsorption Indicator, by R. Geiger.

GERMAN, per, Z. Anal Chem, Vol CXLVI, No 3,
1955, pp 174-1961.

IN3DOC-T2233

Sci

Aug 58

72, 810

Determination of the Solubility Products of Metallic Hydroxide Precipitates. I. Reactions of the Aluminum Ion with the Hydroxyl Ion, by Z. Szabo.

GERMAN, per, Z. Anal Chem, Vol CLVI, 1955, pp
401-414.

CSIRO-2992

Sci

Aug 59

95,086

The paper Chromatography of C.130g.mol.², N, H.
Zann, R. Rebroth.

GERMAN, ref, Z. anal Chem, Vol CXLVIII, No 3, 1955.
pp 181-185.

ASINB-2B39

Set

Aug 57

93, 55 v

Methods of Analysis of a Few New Pest-Control Agents,
by R. Suter.

GERMAN, per, Z. anal Chem, Vol CXLIX, No 3, 1955,
pp 173-184.

CSIRO-3220

Sci

Aug 17

93,527

A Color Reaction for Oxalic Dihydraside, by
G. Nilsson, 5 pp.

GERMAN, per, Zeitschrift Fur Analytische Chemie,
Vol 153, No 3, 1956, pp 161-165.

ACSI J-4577

ID 2204012068

Sci/Chem
Jul 68

361,173

Complexometric Titrations in a More Strongly
Acidic Medium. Back Titration With Picrate.

Nitrate Imino Pyrocatechol Violet, by
E. Mandel, J. Dadek.

ZERBAN, P. A., *U. S. Patent Analytische Chemie,*
Vol. 14(1), 1950, 36-41, 1951.

SIRO

5.1 - Chem.
May 62

198, 496

Estimation of Magnesium in Various Types of
Iron, by R. Reichert.

GERMAN, per, Z. fuer Analytische Chemie,
Vol CL, pp 250-252. 1956.

CSIRO

Sci - Min/Met
May 62

96, 442

On a New, Highly Selective Detection of
Zirconium by Means of Pyrocatechol
Violet in Presence of Complexon, by
H. Flaschka, F. Sedek.

GERMAN, per, Z. fuer Analytische Chemie,
Vol CL, 1956, pp 339-345.

CSIRO

Sci - Chem
Jun 62

201, 141

Titrimetric Determination of Boric Acid, by E.
Schulek, O. Smakna, M. Smakna, 18 pp.

GERMAN, per, Z. Analyt Chem, Vol CLI, No 1, 1956,
pp 1-15.

SLA 58-776

Sci

Aug 59

95, 084

A Process for the Determination of Minute Quantities of Nitrite, by H. Zimmer, 5 pp.

GERMAN, per Z. Anal Chem., Vol CII, No 4,
1956, pp 250-261.

32
SLA Tr 57-278
(AMC Tr 2952)

Sci

68,437

JUL 58

Pyridine Ring Cleavage as an Analytical
Principle, by H. Freytag, 28 pp.

GERMAN, per, Z Anal Chem, Vol CLII, No 1-3, 1966,
pp 86-96.

5
Sci - Chemistry
NIH Tr 9-7

54, 619

Oct 57

A New Highly Selective Method for the Photometric
Determination of Zirconium, by H. Flaschka, M. Y.
Parah, 20 pp.

GERMAN, no per, Z Anal Chem, Vol CLIII, 1956,
pp 401-411.

AEC Tr 2956
SLA 57-250-5-2, 430

Sci - Chemistry
Sep 57

Cassner, K. and Friedel, H.
TURBIDIMETRIC SULPHATE DETERMINATION IN
PHOSPHORIC ACID AND PHOSPHATES. [1963] 7 p.
16 refs.
Order from SLA \$1.10

63-16256

Trans. of [Zeitschrift für Analytische Chemie (West
Germany) 1958, v. 152] p. 421-424.

DESCRIPTORS: *Sulfates, *Phosphoric acids,
*Phosphates, Chlorides, Colloids, Quantitative
analysis.

There is described a rapid method for determining the
sulfate in technical phosphoric acid and phosphates
based on measurement of the turbidity occurring after
adding barium chloride. For obtaining spontaneous
reproducible turbidities, the phosphoric-acid solution
containing 0.40-1.60 mg SO₄/50 ml at pH 1.0-2.0 is
(Chemistry-Analytical, TI, v. 10, no. 11) (over)

63-16256

I. Cassner, K.
II. Friedel, H.

Office of Technical Services

Simple High-Frequency Titrimeter, by E.
Pungor.

GERMAN, per, Z. fur Analytische Chemie,
Vol CLIV, 1957, pp 1-5.

CSIRO

Ref - Electron. Chem
Apr 62

190,766

(RFP-Trans-112) SPECTROPHOTOMETRIC DETERMINATION OF IRIDIUM CONTENT WITH TETRA-PHENYL PHOSPHONIUM BROMIDE. CONTRIBUTIONS TO THE ANALYTICAL CHEMISTRY OF THE METALS OF THE PLATINUM GROUP III,
Neeb, Rolf ¹Translated for Dow Chemical Co., Rocky Flats Div.,
from ¹Z. Anal. Chem., 154: 17-22 (1957). ²10p. ²Dep. NTIS.

²chemistry (analytical); translations ²07

²MN-4 ²P NSA

Flame Photometric Determination of Alkaline Earth Metals in the Presence of Foreign Metals, by K. Ettre, J. Adam, 11 pp.

GERMAN
JOURNAL, per, Z. Anal Chem, Vol CLV, 1957, pp
105-114.

SLA 57-3406

Sei

Jul 59

91,397

62-12699

Khalifa, H. and Zaki, M. R.
FAST GREY, R. A., A NEW COLORIMETRIC
REAGENT. I. SPECTROPHOTOMETRIC MICRODETER-
MINATION OF ZIRCONIUM (Fast Grey R. A., Ein
Neues Colorimetrisches Reagens. I. Spektrophoto-
metrische Mikrobestimmung von Zirkonium) tr. by
D. A. Sinclair. 1962, 12p. 10 refs. NRCC Technical
Trans. 1003.
Order from NRCC \$1.00 NRCC C3926

Trans. of Z[eitschrift für] Analytische Chemie
(West Germany) 1957, v. 158, p. 1-7.

DESCRIPTORS: *Zirconium, *Colorimetric analysis,
*Reagents, Dyes, Sensitivity, *Spectrophotometers,
Solutions, Colors, Determination.

(Chemistry-Analytical, TT, v. 8, no. 5)

- I. Title: Fast Grey, R. A.
(Reagent)
II. Khalifa, H.
III. Zaki, M. R.
IV. NRCC TT-1003
V. NRCC C-3926
VI. National Research Council
of Canada

Office of Technical Services

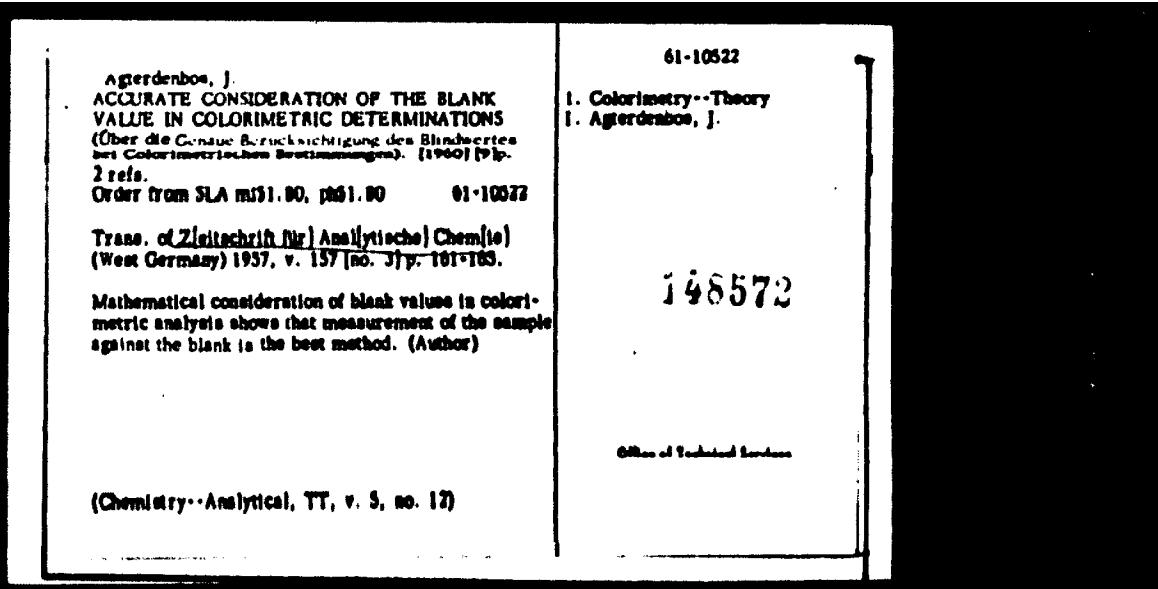
The Separation of Very Small Quantities
of Boric Acid From Silicic Acid by Diffuser
Plate Extraction, by Franz A. Pohl, 7 pp.
UNCLASSIFIED

GERMAN, per Z fuer Anal Chemie, Vol CLVII,
1957, pp 6-13. CIA 9019874

CSIR
ACBIL Tr 1005

Sci - Chem
Jul 58

67,655



<p>Sansoni, Bruno and Baumgartner, Louis. SEPARATION OF PHOSPHATES BY PAPER ELECTRO- PHORESIS. V. HIGH VOLTAGE PAPER ELECTRO- PHORESIS OF CONDENSED PHOSPHATES AND METAPHOSPHATES. Preliminary rept. International Congress for Pure and Applied Chemistry (no. 4) Lisbon 1956. [1962] 17p. 21 refs. Order from SLA \$1.60</p> <p>63-10440</p> <p>Trans. of Zeitschrift für Analytische Chemie (West Germany) 1957, v. 158, p. 241-251.</p> <p>DESCRIPTORS: *Electrophoresis, *Paper, Separation, *Phosphates, Inorganic compounds, Salts, Ions.</p> <p>This report shows that high-voltage paper electrophoresis, is of importance for the separation of inorganic ions. The method appears suitable (1) for rapid separation of inorganic ions in the control of technical operations, (2) for investigating unstable ions (Chemistry--Physical, TT, v. 10, no. 3) (over)</p>	<p>63-10440</p> <p>I. Sansoni, B. II. Baumgartner, L. III. Title: High ... IV. International ...</p> <p>Office of Technical Services</p>
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Flame Photometric Determination of Small
Units of Sodium, by W. ~~HENKEL~~ Schuhknecht.
GERMAN, per, Z. fur Anal Chem, Vol CLVII,
1957, pp 338-343.

CSIRO

Sci - Chem
Oct 61

171, 373

Sant Grey R.A., A New Colorimetric Reagent. I.
Colorimetric Microdetermination of Zirconium,
by H. Khalifa, M. R. Zaki, 12 pp.

BRMM, per, Z fuer Anal Chem, Vol CLVIII, 1957,
p 1-7.

AEC TT-1003

Sci - Chem
ny 62

198,550

LN
Statistics in Chemical Analysis I. The Discovery of
Systematic and Gross Errors and the Significance of
Random Errors in Gravimetric and Titrimetric Analytical
Procedures, by G. Gottschalk, P. Dehmel, 17 pp.

GERMAN, per, Z Anal Chem, Vol CLEIX, No 2, 1957,
pp 51-91.

SLA 59-15789

Sci
Dec 59
Vol 2, No 5

103,610

Infrared Absorption Spectra of Various
Phosphorus Compounds. I. Alkali Ortho-
phosphates, by A. Mutschin, K. Naemannen,
9 pp.

GERMAN, puer, 2 fuer Analytische Chemie
Vol CLXI, 1957, pp 241-246.

SLA 60-19168

Sci
vol IV, No 5
Mar 62

188, 459

Gravimetric Determination of Sulfur as Benzidine
Sulfate, by G. Gottschalk, P. Dehus.
Gottschalk, P., Z. Anal. Chem., Vol 155, 1957,
pp 251-263. R91055067
AEC A&L-tr-406

Sci/Chemistry
Mar 67

318,652

The Determination of Calcium Ions by Flame
Photometric Titration, by L. Brdov,
G. Svehla.

GERMAN, per, Z. fur Analytische Chemie,
Vol CLIV, No 6, 1957, pp 406-413.

CSIRO 3998

Sci - Phys
Aug 62

207, 477

Gravimetric Determination of Sulfate as Benzi-
dinesulfate, by G. Gottschalk, et al.
ZALTA, per, Zeitschrift fur Analytische Chemie,
Vol 155, 1957, pp 251-263.

ACI/Chemistry/
ACC 60

Masius, E. and Lange, G.
ION EXCHANGE MEMBRANES IN PREPARATIVE AND
ANALYTICAL CHEMISTRY. [1963] 27 p. (ref. 28).
continued.

Order from SLA \$2.60

63-16136

Trans. of Zeitschrift für Analytische Chemie (West
Germany) 1958, v. 160, p. 169-182.

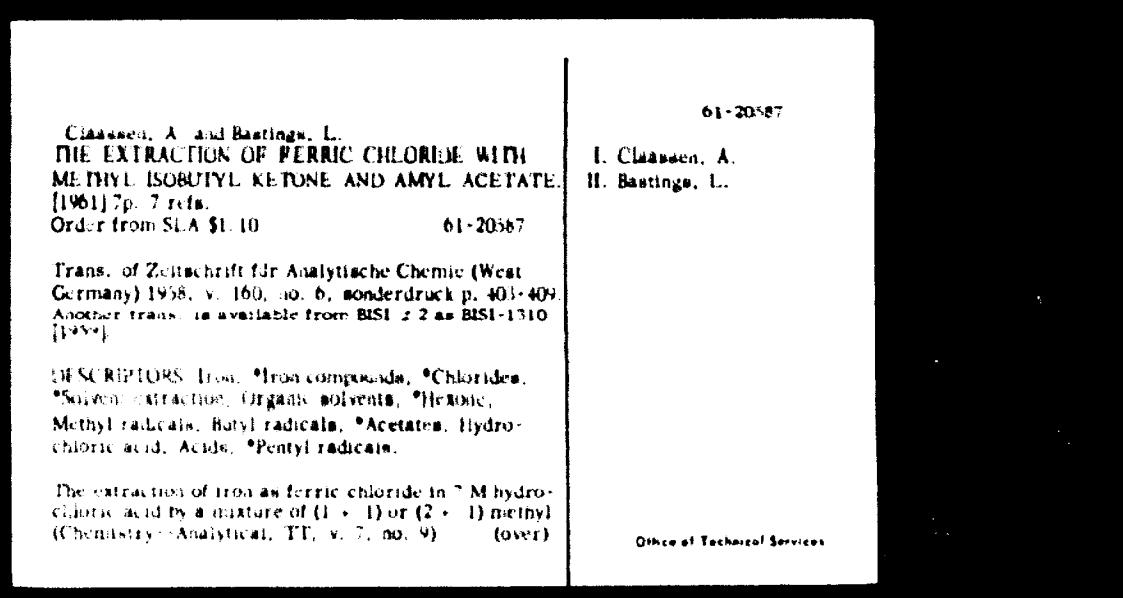
DESCRIPTORS: *Ion exchange resins, Membranes,
*Electrodialysis, *Molybdates, *Tungstates,
*Magnesium, *Aluminum, Sodium compounds,
Carbonates, Purification, Synthesis (Chemistry),
Chemical analysis.

(Chemistry--Analytical, TT, v. 10, no. 7)

63-16136

I. Masius, E.
II. Lange, G.

Bureau of Technical Services



<p>Neeb, K. H. and Gebauer, W. FLAME-PHOTOMETRIC DETERMINATION OF SMALL AMOUNTS OF POTASSIUM IN SODIUM AND ITS COMPOUNDS AFTER ENRICHMENT WITH AMMONIUM TETRA(PHENYL) BORON. 11 Jm 60, 10p. (figs. omitted) 10 refs. Order from SLA \$1.10</p> <p>63-14128</p> <p>Trans. of Zeitschrift [fuer] Analysische Chemie (West Germany) 1954, v. 162, no. 3, p. 167-174.</p> <p>DESCRIPTORS: *Potassium, Chemical analysis, Flames, Photometers, Sodium, *Sodium compounds, Additives, *Ammonium compounds, Phenyl radicals, *Boron compounds, Chemical precipitation, Tracer studies.</p> <p>(Chemistry--Analytical, TT, v. 10, no. 4)</p>	<p>63-14128</p> <p>I. Neeb, K. H. W. Gebauer, W.</p> <p>Office of Technical Services</p>
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